

# Product Datasheet

## c-Myc Antibody (MYC909) [CoraFluor™ 1] NBP2-86683CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-86683CL1**

c-Myc Antibody (MYC909) [CoraFluor™ 1]

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml   |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                 | Store at 4C in the dark. Do not freeze.  |
| Clonality               | Monoclonal   |
| Clone                   | MYC909   |
| Preservative            | No Preservative  |
| Isotype                 | IgG1 Kappa   |
| Conjugate               | CoraFluor 1  |
| Purity                  | Protein A or G purified  |
| Buffer                  | PBS  |
| Product Description     |  |
| Description             | <p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p> |
| Host                    | Mouse  |
| Gene ID                 | 4609   |
| Gene Symbol             | MYC  |
| Species                 | Human  |
| Specificity/Sensitivity | It recognizes a transcription factor of 64-67kDa, identified as c-myc. This monoclonal antibody shows no cross-reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or over-expressed in a variety of tumors. Over-expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease. Rearrangement of the MYC gene is found in 3% to 16% of diffuse large B-cell lymphoma (DLBCLs) and in nearly 100% of Burkitt lymphomas (BL). Identifying MYC status is important in establishing final diagnosis of DLBCL, BL, or B-cell lymphoma, with features intermediate between DLBCL and BL as well as in differential diagnoses of the lymphomas.   |
| Immunogen               | Recombinant human c-Myc protein (Uniprot: P01106)  |
| Notes                   | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254  |



| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/<br>Immunofluorescence, Immunohistochemistry, Immunofluorescence |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/<br>Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NBP2-86683CL1**

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|                    |  |
|--------------------|--|
| H00004609-P01-10ug | Recombinant Human c-Myc GST (N-Term) Protein |
| 236-EG-200         | EGF [Unconjugated]                           |
| NBL1-13414         | c-Myc Overexpression Lysate                  |
| 210-TA-005         | TNF-alpha [Unconjugated]                     |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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